

# NEBRASKA

## WEATHER & CROPS

NEBRASKA  
AGRICULTURAL  
STATISTICS  
SERVICE

For Week Ending August 25, 1996

Issue: 24-96

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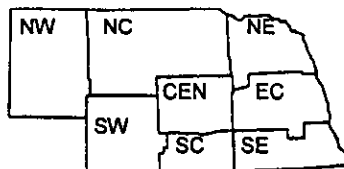
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National Weather Service



Nebraska Department of Agriculture  
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### WEATHER

Temperatures across the State averaged from near normals to three degrees below normals. Precipitation was scattered with amounts ranging from a few hundredths to nearly three inches.

### GENERAL

Below normal temperatures last week slowed crop development, with additional heat units needed to move crop to maturity, according to the Nebraska Agricultural Statistics Service. High grasshopper populations continued to be noted in many areas across the State. Producer activities included irrigating crops, walking beans, cutting alfalfa, moving old grain to market, and soil preparation for fall seeded wheat.

### CROPS

The all corn condition rated 1% very poor, 2% poor, 12% fair, 59% good, and 26% excellent. Irrigated corn rated 86% good or excellent and dryland corn rated 87% good or excellent. The crop was 71% in dough stage or beyond, compared with 52% last year and 75% for the five-year average. Denting advanced to 16% of the acreage, compared to 12% last year and 34% average. Development now stands about eight days behind normal. Some grey leaf spot was reported in the southeast.

### CROPS (Cont.)

Soybean condition rated 2% poor, 11% fair, 56% good, and 31% excellent. Statewide, 95% of the acreage was setting pods, compared with 79% last year and the average of 89%. Soybeans were beginning to turn color in a few areas, but statewide, less than 1% of the acreage had colored to date.

Sorghum condition rated 2% poor, 18% fair, 56% good, and 24% excellent. Sorghum headed moved to 93% last week, compared with 76% last year and 88% for the five-year average. The percent turning color was at 14% compared with 7% last year and 25% average.

Dry bean condition moved lower and rated 5% very poor, 13% poor, 26% fair, 52% good, and 4% excellent. Statewide, 30% of the crop had turned color, compared with 12% last year.

Alfalfa condition rated 1% very poor, 13% poor, 25% fair, 51% good, and 10% excellent. Third cutting progressed to 57% harvested as of Sunday, compared with 50% last year, and 56% average. Hay dry down continued to be a problem for some producers. Wild hay condition rated 3% poor, 20% fair, 62% good, and 15% excellent.

### LIVESTOCK, PASTURE & RANGE

Pasture and range condition was rated 5% poor, 21% fair, 62% good and 12% excellent. Some cattle producers moved livestock to fall pastures last week. Cattle and hogs continued to benefit from below normal temperatures.

FIELD WORK PROGRESS AS OF AUGUST 25, 1996	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Corn Dough Stage	41	76	50	81	73	93	78	89	71	58	52	75
% Corn Dented	10	15	10	13	13	15	29	27	16	9	12	34
% Soybean Setting Pods	n/a	93	90	98	95	97	97	99	95	79	79	89
% Sorghum Headed	n/a	99	96	93	83	95	89	96	93	85	76	88
% Sorghum Turning Color	n/a	4	3	14	15	13	10	16	14	7	7	25
% Alfalfa Third Cutting	27	67	37	64	50	78	75	81	57	34	50	56
% Dry Beans Turning Color	28	51	15	n/a	n/a	34	10	n/a	30	9	12	n/a
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF AUGUST 23, 1996												
Days suitable	5.8	5.6	6.2	3.9	3.7	3.6	4.4	2.3	4.6	5.1	5.8	
Topsoil moisture - Very Short	2	0	1	0	0	0	0	0	0	0	16	
(Percent) - Short	17	14	23	2	4	3	0	7	10	11	48	
- Adequate	79	78	75	96	82	95	83	87	83	83	32	
- Surplus	2	8	1	2	14	2	17	6	7	6	4	
Subsoil moisture - Very Short	0	0	0	0	0	0	0	0	0	1	8	
(Percent) - Short	20	11	7	10	5	4	2	16	10	17	50	
- Adequate	80	86	93	88	90	96	85	84	87	78	41	
- Surplus	0	3	0	2	5	0	13	0	3	4	1	

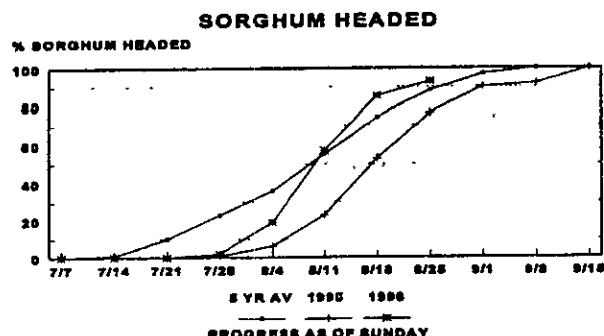
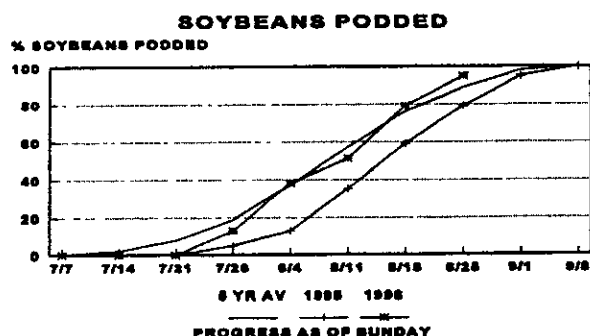
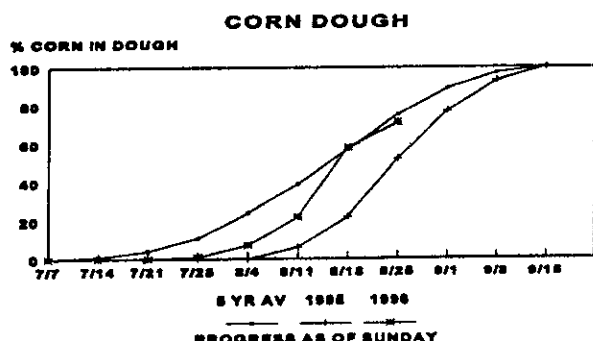
n/a = not available

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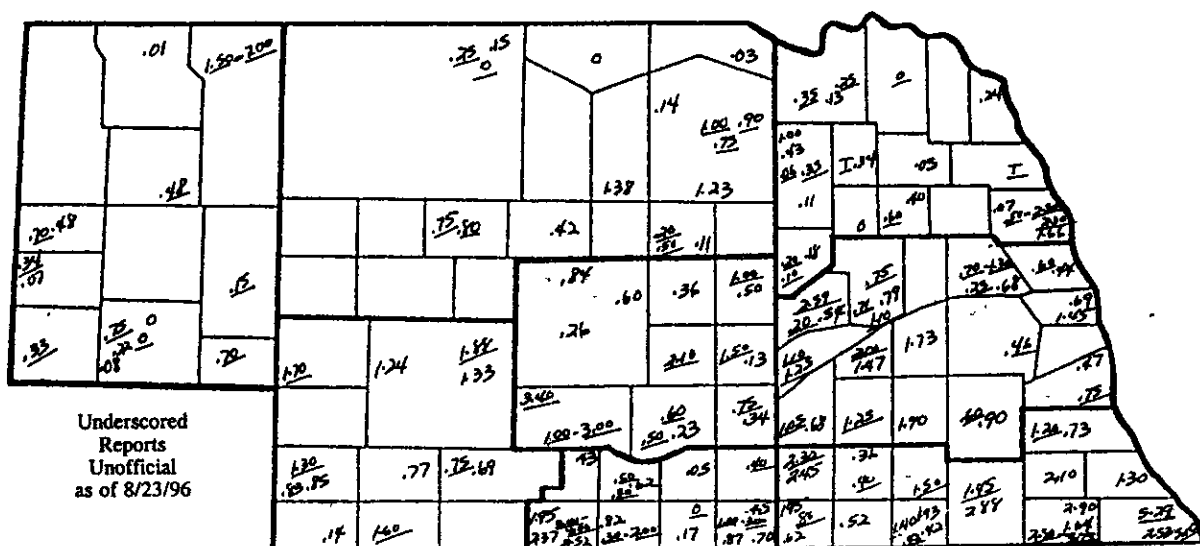
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PRECIPITATION MAP FOR WEEK ENDING SATURDAY, AUGUST 24, 1996



	PRECIPITATION, APRIL 1 - AUGUST 24, 1996							
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	14	.55	.36	.41	.98	.84	1.00	1.58
Total since April 1	10.72	13.24	17.48	18.31	22.47	16.38	24.98	20.13
Normal since April 1	11.51	14.16	15.88	15.56	17.10	13.27	15.51	17.51
Total as % of normal	93%	94%	110%	118%	131%	123%	161%	115%

TEMPERATURE AND PRECIPITATION, WEEK ENDING SATURDAY, AUGUST 24, 1996  
GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, AUGUST 25, 1996

GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, AUGUST 25, 1996									
Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	97	49	74	---	.01	---	---	---
	Scottsbluff	88	55	70	-1	.48	1899	2057	2101
	Sidney	90	54	70	---	.22	1818	1972	2036
NC	Valentine	89	52	71	0	.15	---	---	---
	Arthur	---	---	---	---	---	1810	1951	2148
	O'Neill	---	---	---	---	---	1834	1982	2302
NE	Norfolk	87	48	69	-2	.10	---	---	---
	Sioux City	86	50	69	-3	.24	---	---	---
	Concord	---	---	---	---	---	1883	2031	2409
	Elgin	---	---	---	---	---	1917	2069	2447
	West Point	---	---	---	---	---	2015	2175	2439
CEN	Grand Island	90	51	71	-2	.34	---	---	---
	Ord	87	48	70	---	.36	1957	2104	2384
	Kearney	---	---	---	---	---	2076	2233	2451
EC	Lincoln	88	55	72	-2	.90	2217	2395	2710
	Omaha	87	56	73	0	.69	---	---	---
	Central City	---	---	---	---	---	2033	2187	2545
	Mead	---	---	---	---	---	2141	2317	2569
SW	Imperial	87	57	69	---	.85	---	---	---
	North Platte	89	50	68	-3	1.33	1970	2114	2262
	McCook	---	---	---	---	---	2107	2277	2454
SC	Holdrege	---	---	---	---	---	2107	2270	2457
	Red Cloud	---	---	---	---	---	2175	2342	2499
SE	Beatrice	---	---	---	---	---	2229	2406	2466
	Clay Center	---	---	---	---	---	2013	2163	2533

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.